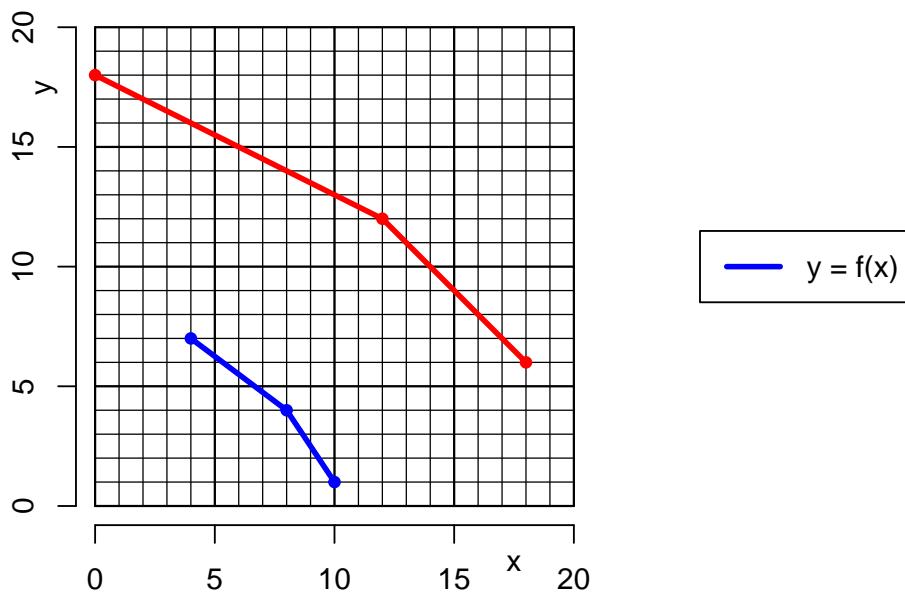# PCW_09_18 Find new points after transformation (version 22)

Question 1

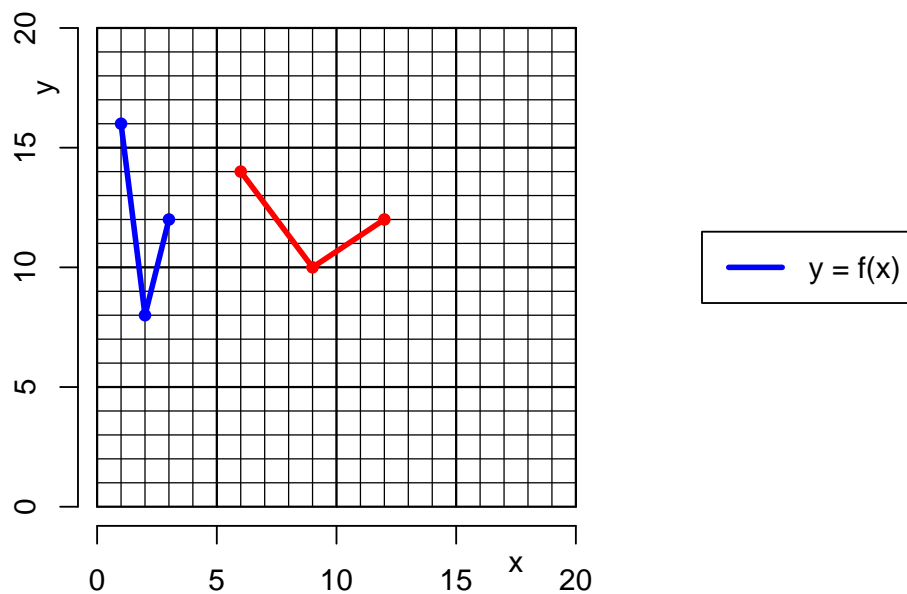Curve $y = f(x)$ contains points $(4, 7)$ and $(8, 4)$ and $(10, 1)$, as shown on the x-y plane below.

On the same plane, please draw the curve represented by the equation below:

$$y = 2\left(f\left[\frac{x}{3} + 4\right] + 2\right)$$

Question 2

Curve $y = f(x)$ contains points $(1, 16)$ and $(2, 8)$ and $(3, 12)$, as shown on the x-y plane below.

On the same plane, please draw the curve represented by the equation below:

$$y = \frac{f\left[\frac{x}{3} - 1\right]}{2} + 6$$